

## **ABSTRACT**

This invention provides compositions, organisms and methodologies employing a novel human protein kinase, NRHK1. The novel protein kinase is encoded by a human gene comprising 21 exons. The human gene is localized in or near the 9q34 locus of human chromosome 9. The sequence similarity between the novel human protein and the consensus sequence of NIMA-related kinase indicates that the novel human protein may function as an NIMA-related kinase.